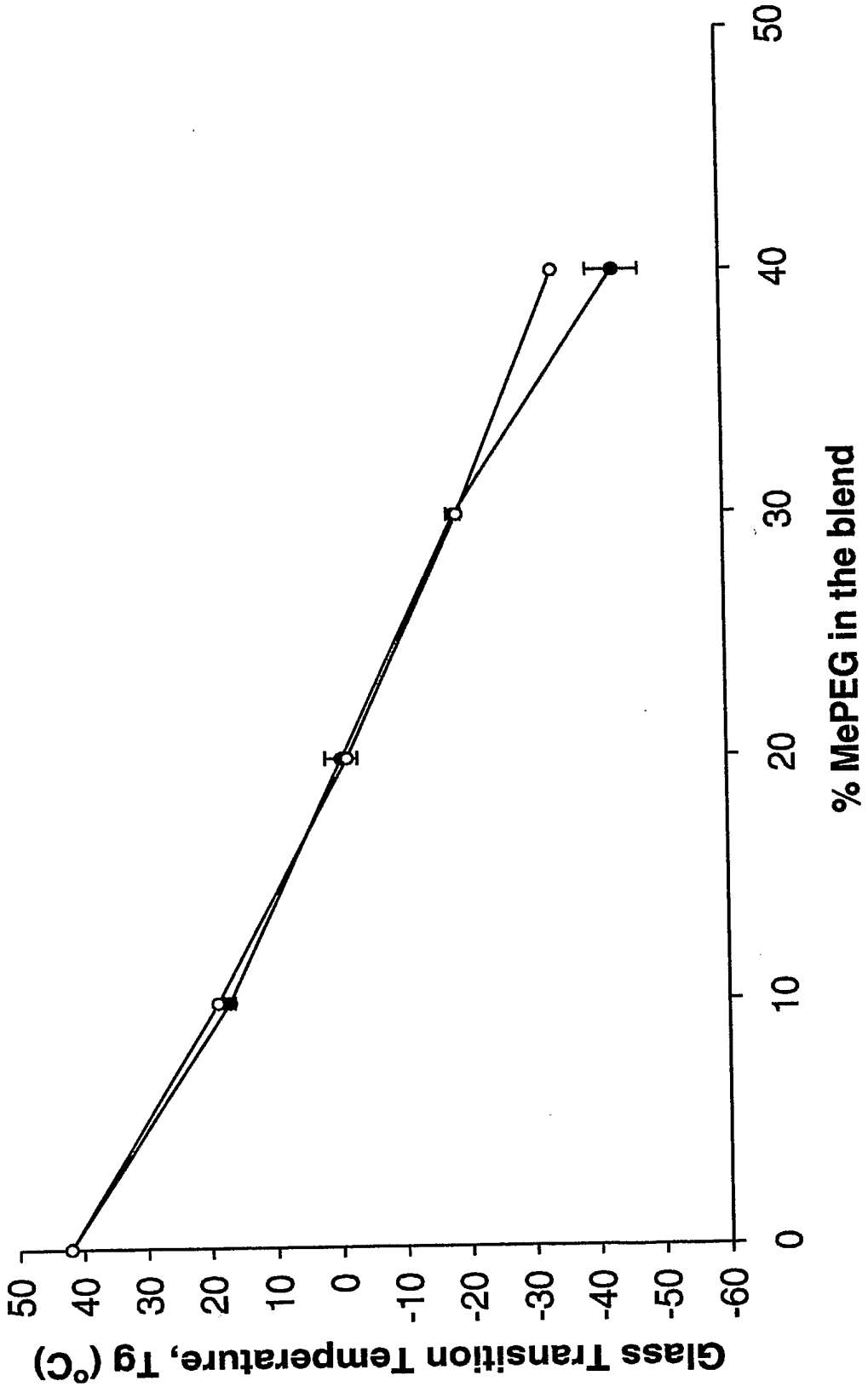
Glass Transition Temperature, Tg (°C)
50
40
30
20
10
0
-10
-20
-30
-40
-50
-60
0
10
20
30
40
50
% MePEG in the blend

FIG. 1A

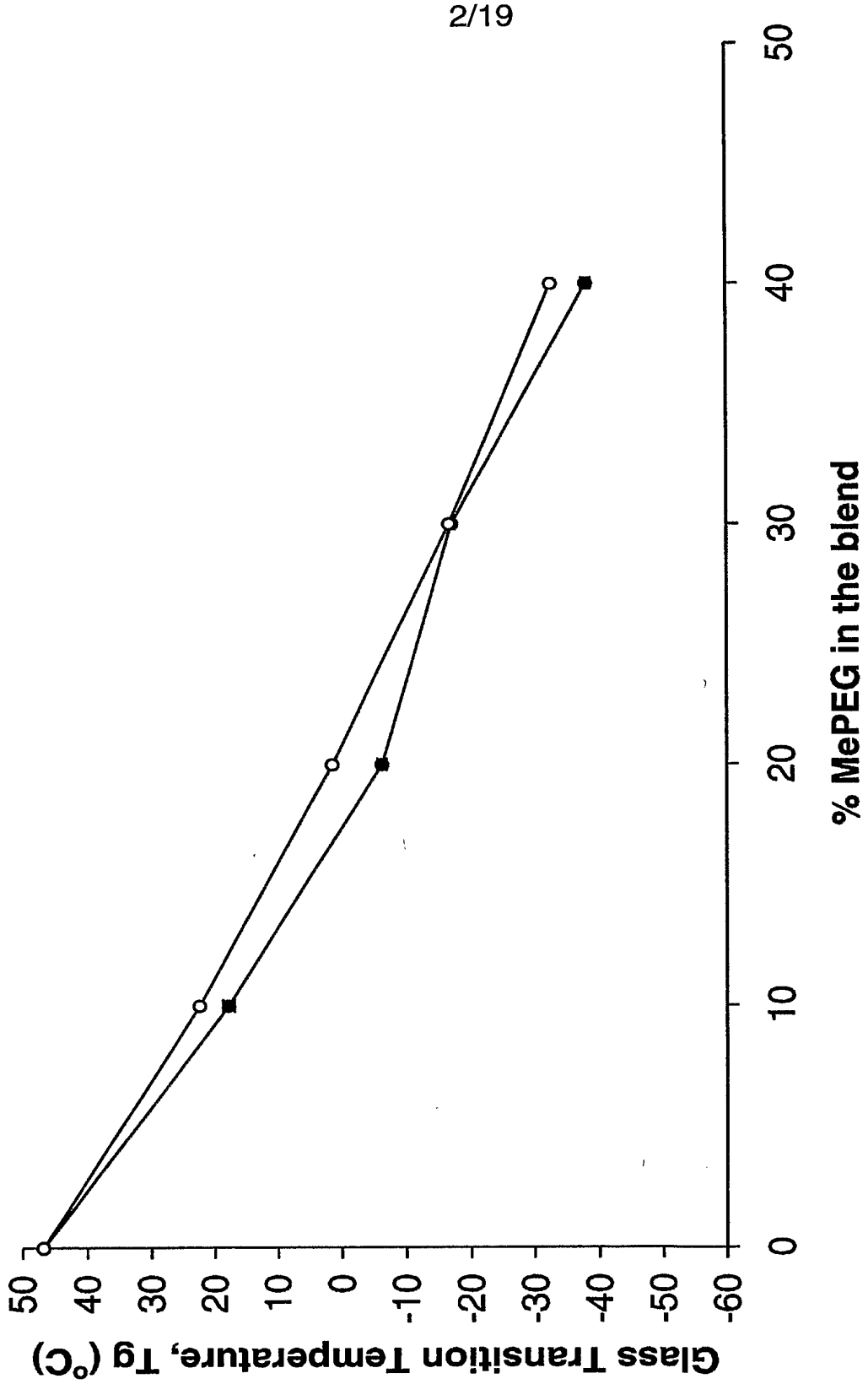
Glass Transition Temperature, Tg (°C)
50
40
30
20
10
0
-10
-20
-30
-40
-50
-60
0
10
20
30
40
50
% MePEG in the blend

FIG. 1B

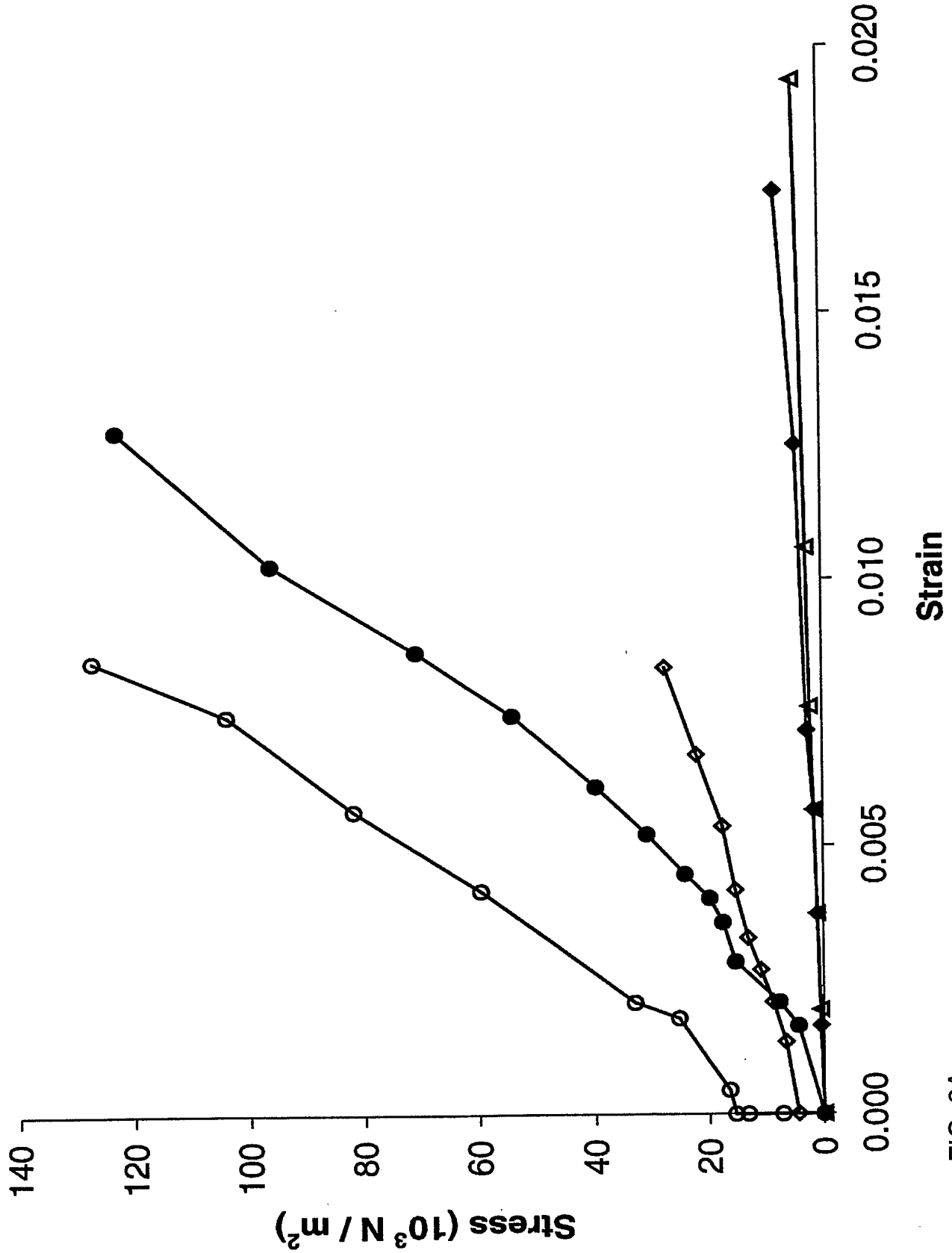
Stress (10^3 N / m^2)
140
120
100
80
60
40
20
0
0.000
0.005
0.010
0.015
0.020
Strain

FIG. 2A

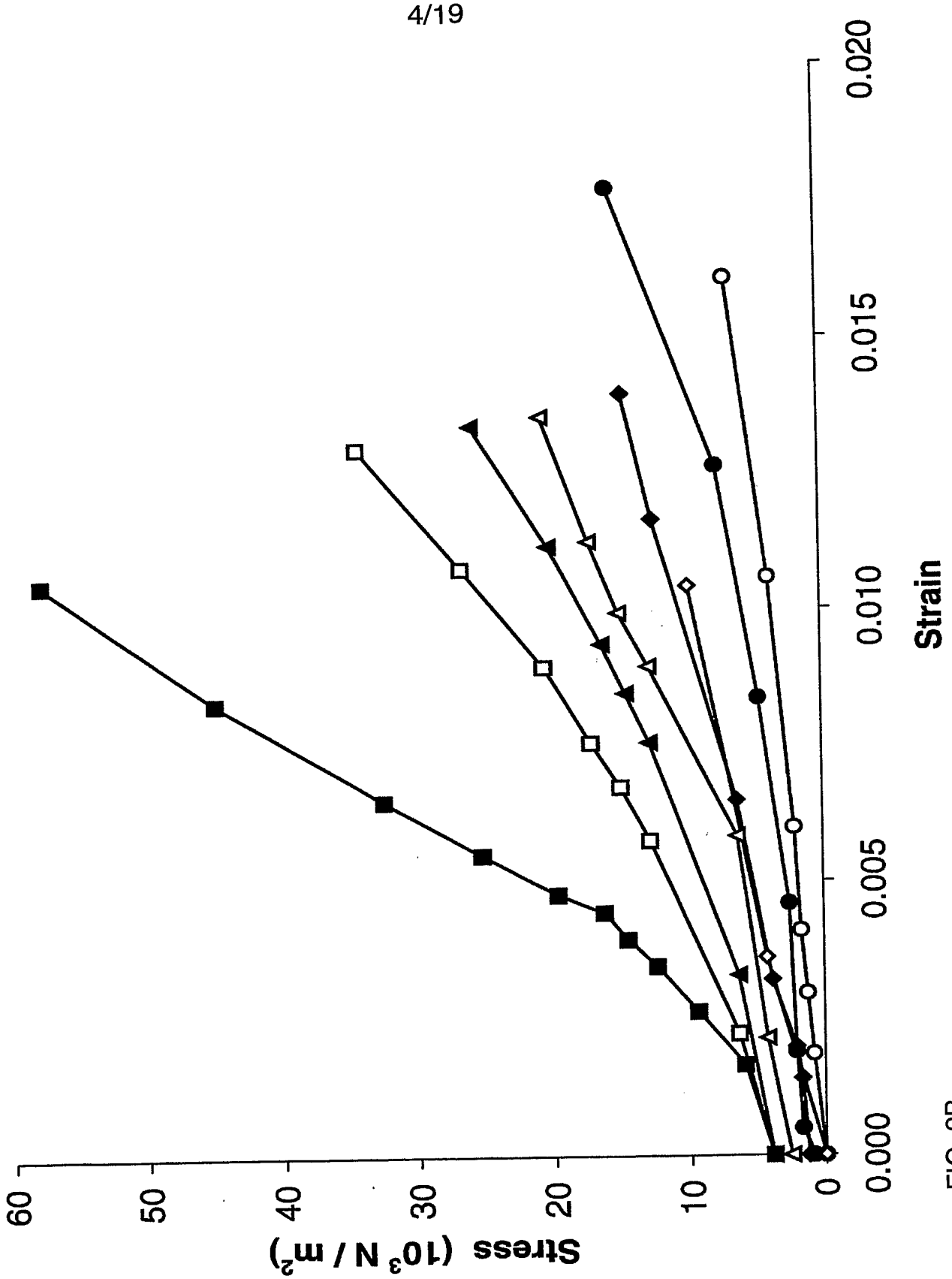
Stress (10^3 N / m^2)
60
50
40
30
20
10
0
0.000
0.005
0.010
0.015
0.020
Strain

FIG. 2B

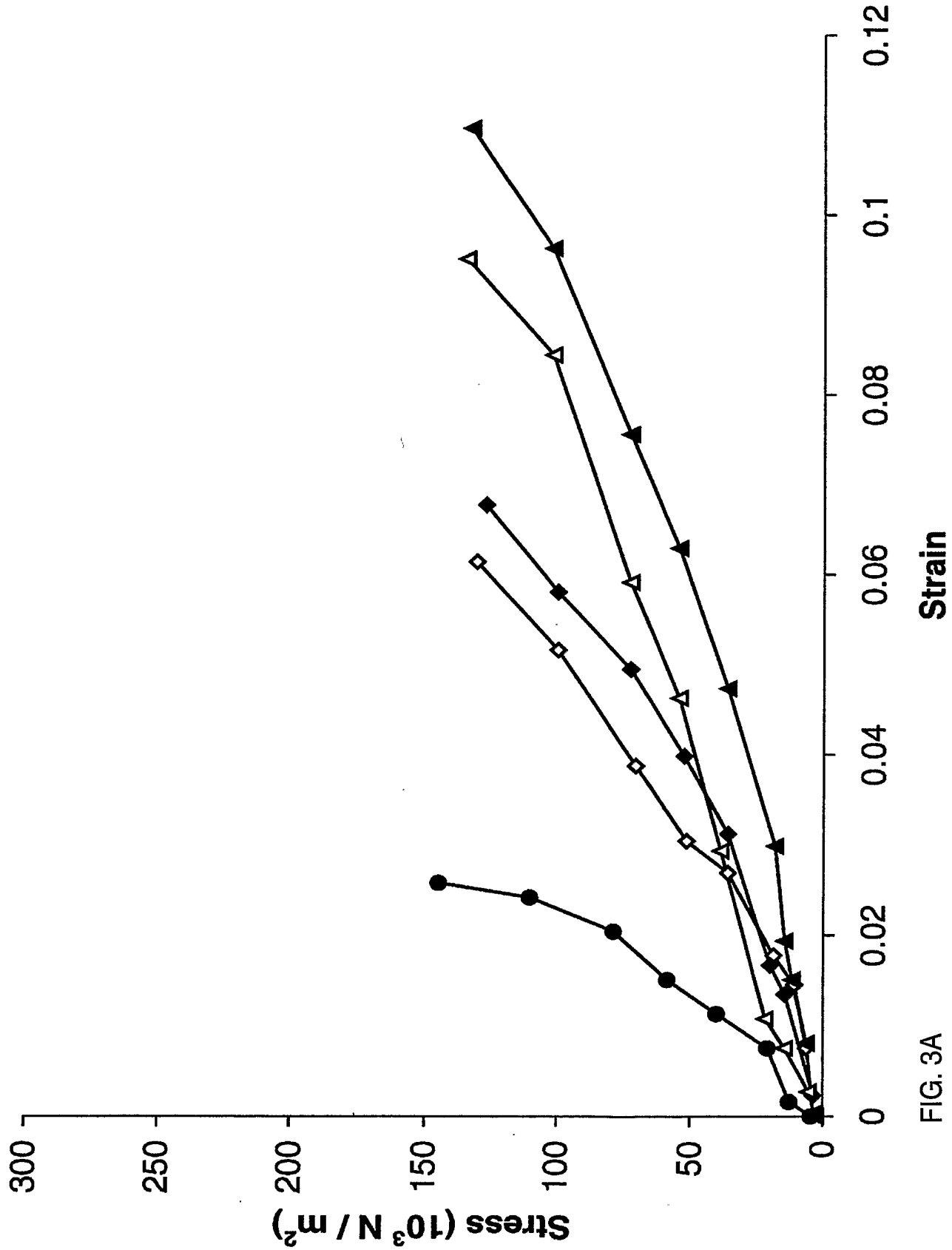
Stress (10^3 N / m^2)
300
250
200
150
100
50
0
0
0.02
0.04
0.06
0.08
0.1
0.12
Strain

FIG. 3A

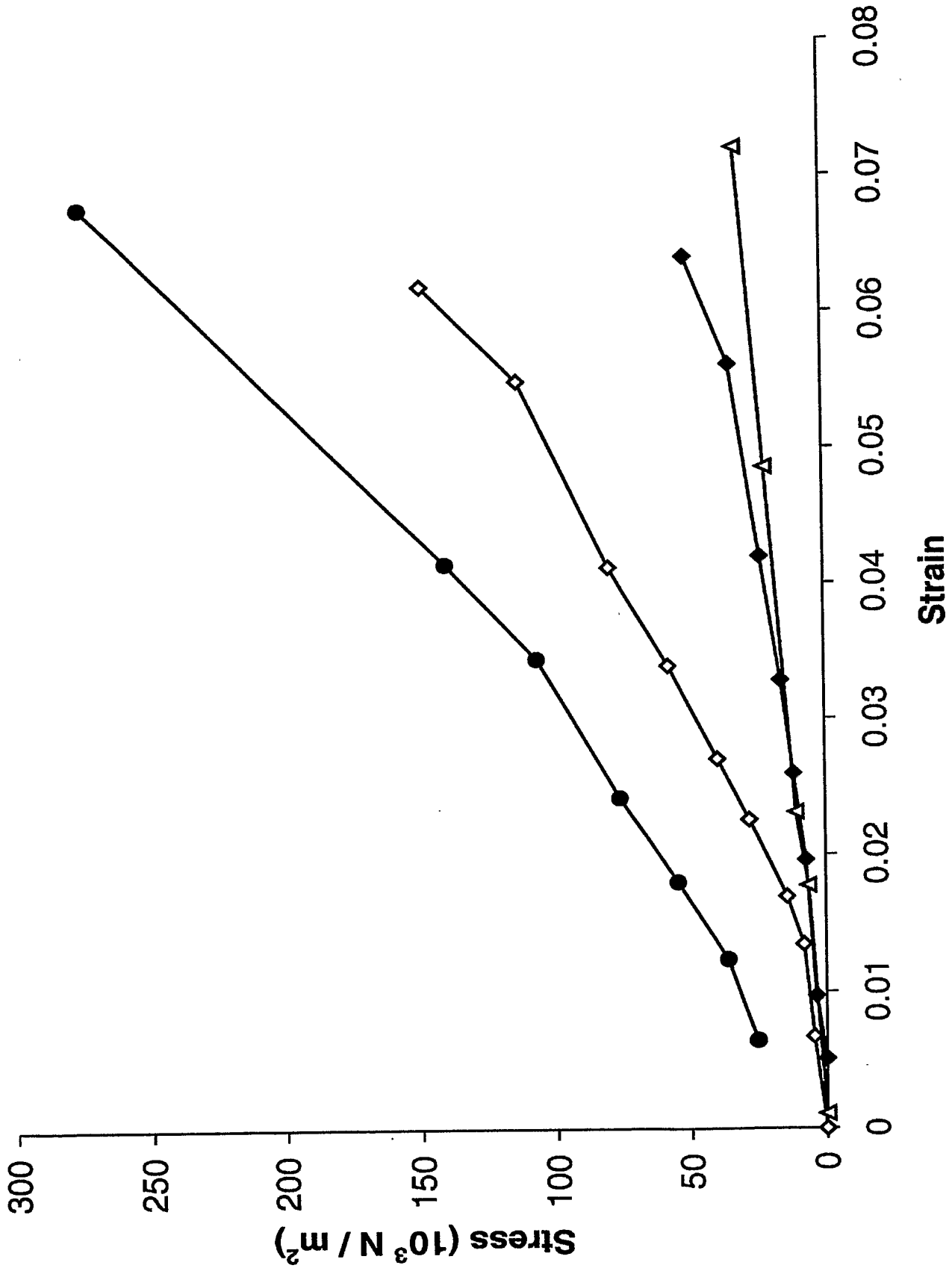
Stress (10^3 N / m^2)
300
250
200
150
100
50
0
0
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
Strain

FIG. 3B

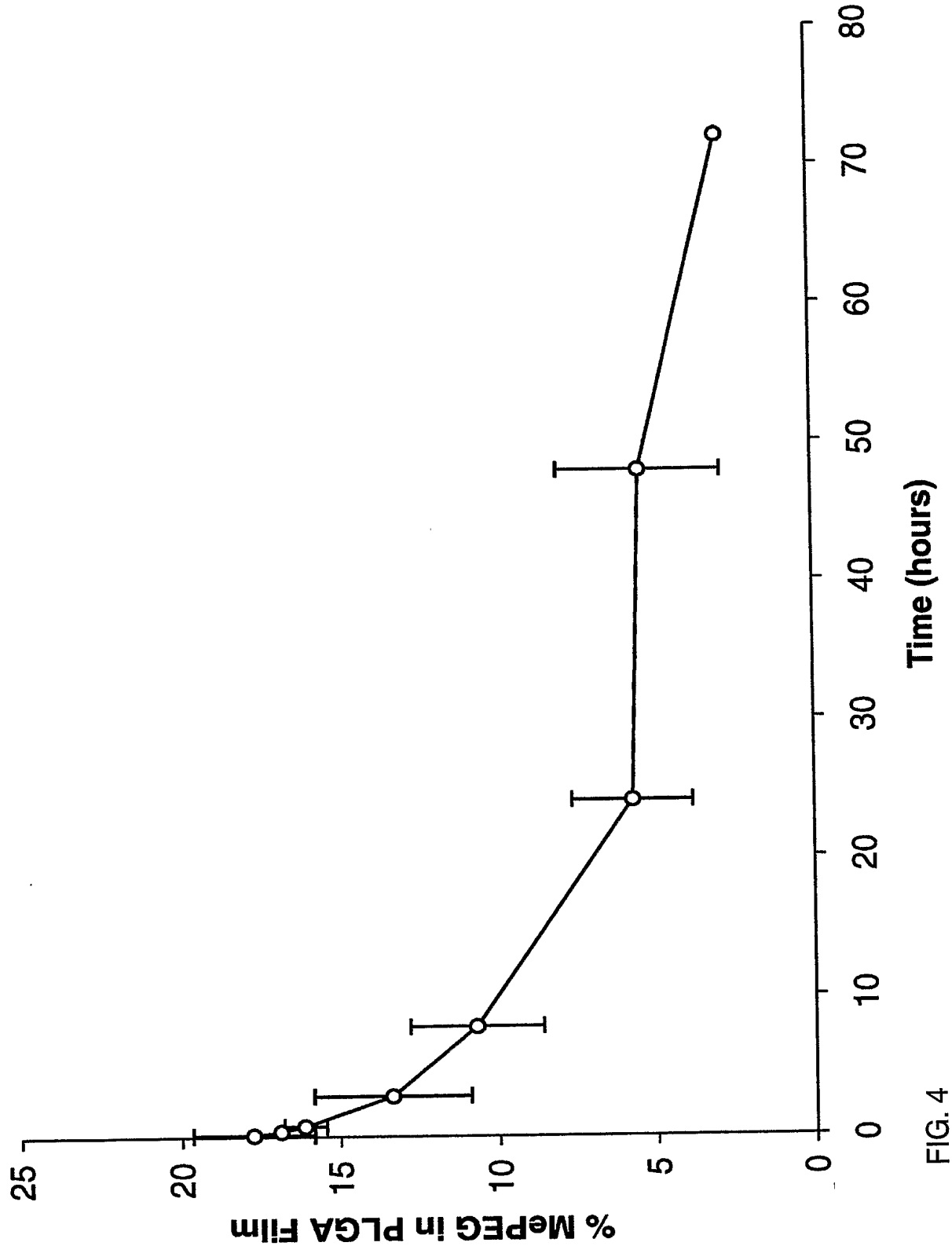
% MePEG in PLGA Film
0
5
10
15
20
25
Time (hours)
0
10
20
30
40
50
60
70
80

FIG. 4

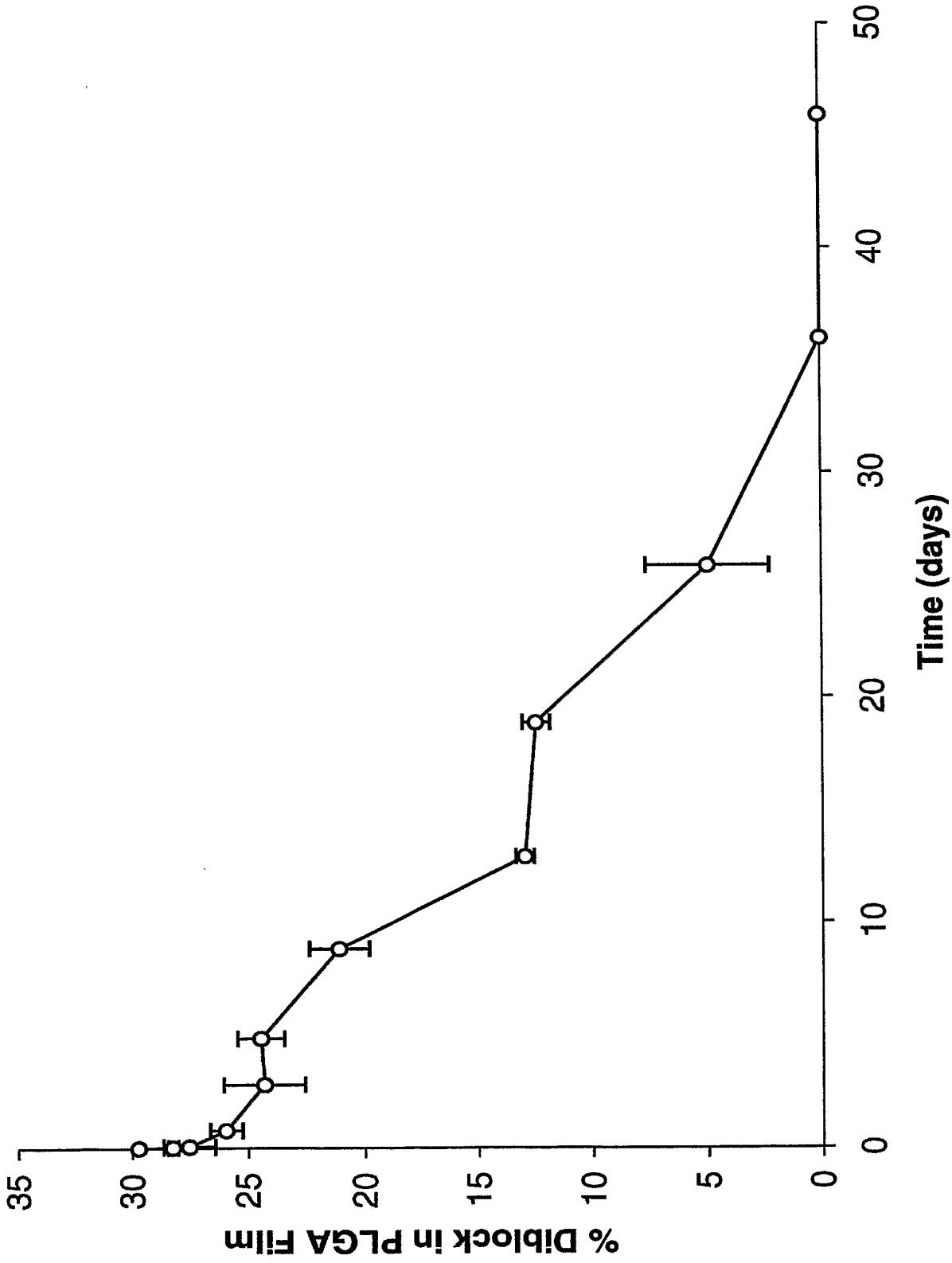
% Diblock in PLGA Film
0
5
10
15
20
25
30
35
0
10
20
30
40
50
Time (days)

FIG. 5

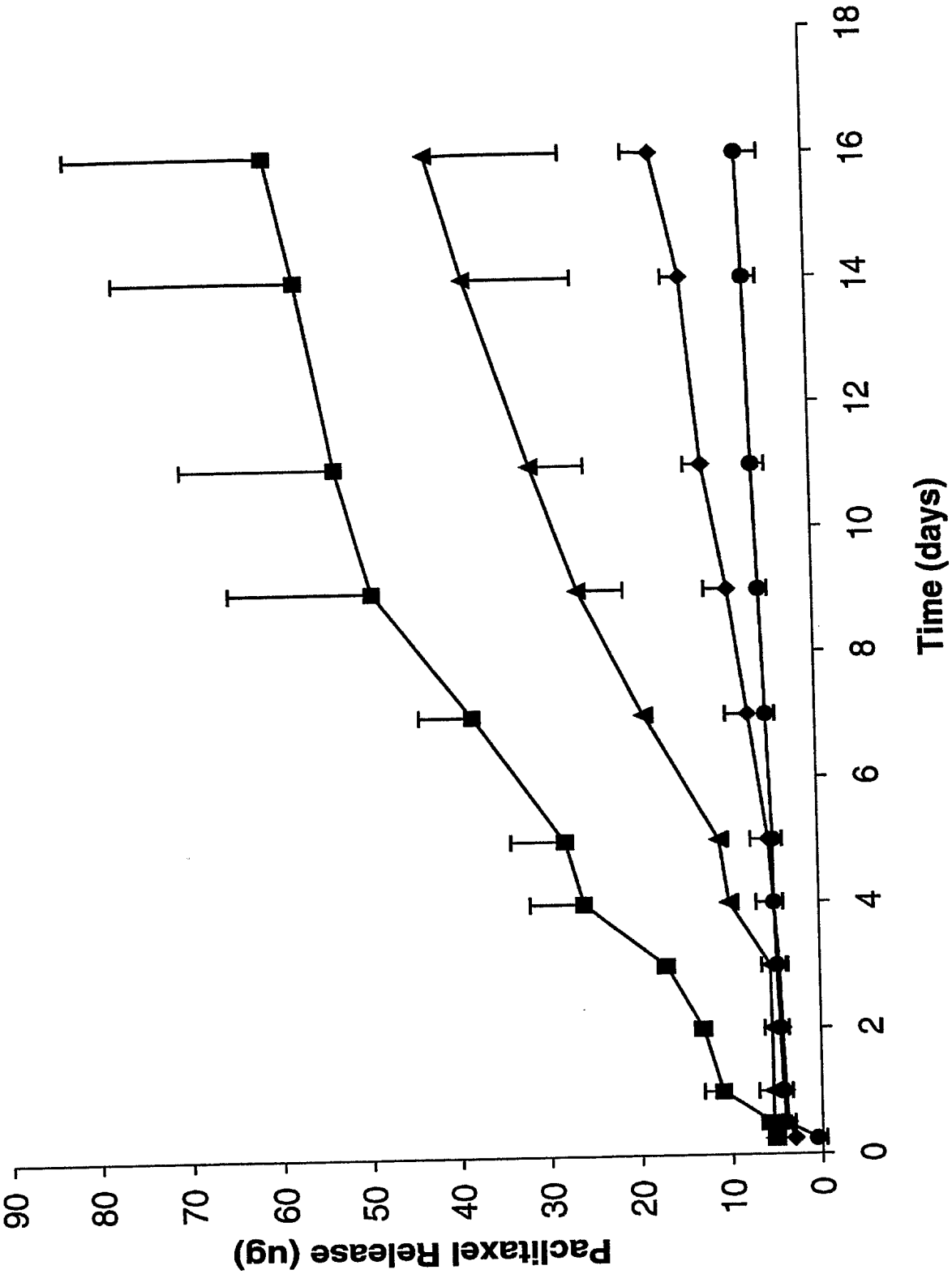
Paclitaxel Release (ug)
0
10
20
30
40
50
60
70
80
90
Time (days)
0
2
4
6
8
10
12
14
16
18

FIG. 6

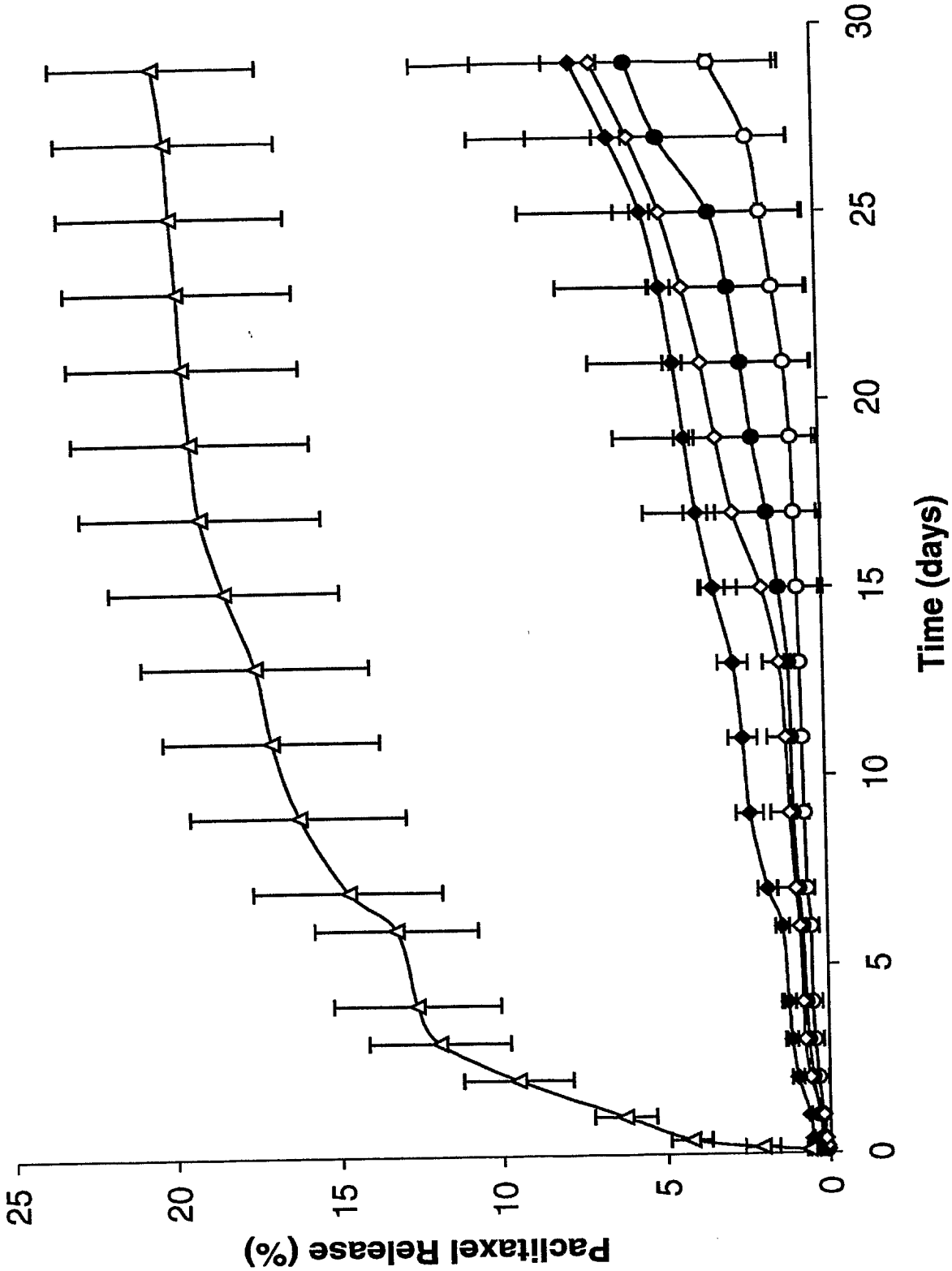

FIG. 7

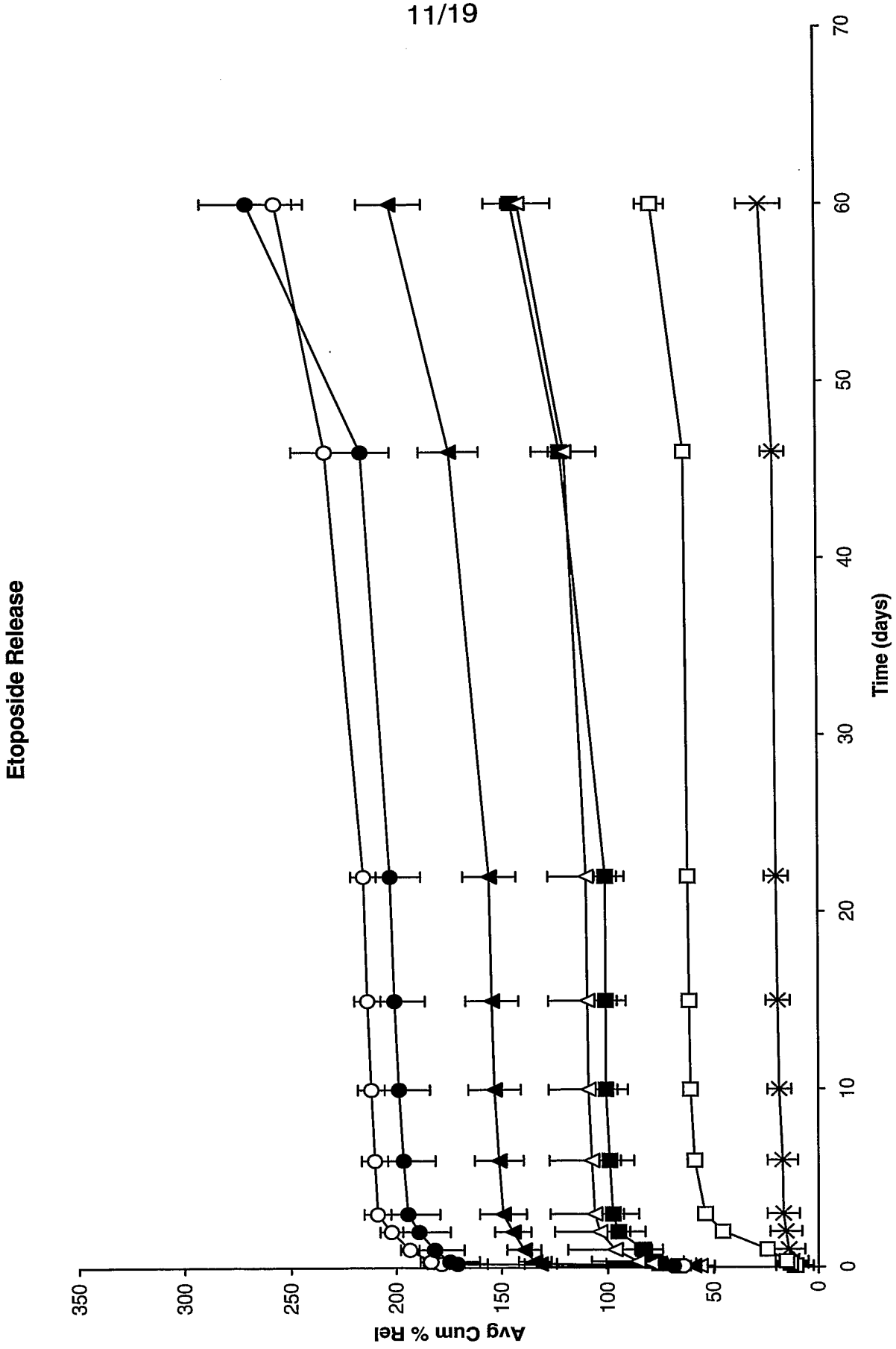
Etoposide Release
Avg Cum % Rel
Time (days)
0
50
100
150
200
250
300
350
0
10
20
30
40
50
60
70

FIG. 8

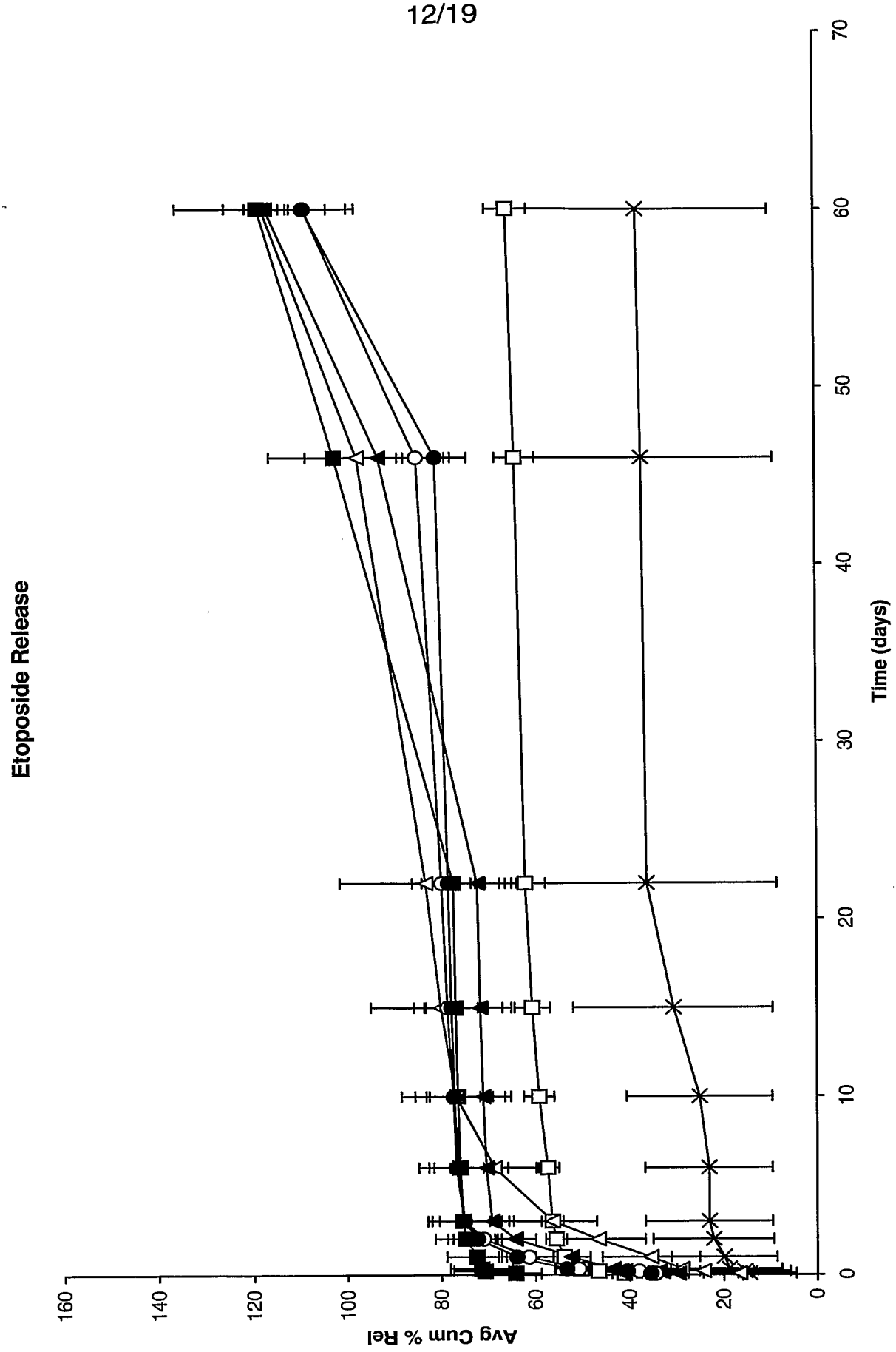
Etoposide Release
Avg Cum % Rel
Time (days)
0
20
40
60
80
100
120
140
160
0
10
20
30
40
50
60
70

FIG. 9

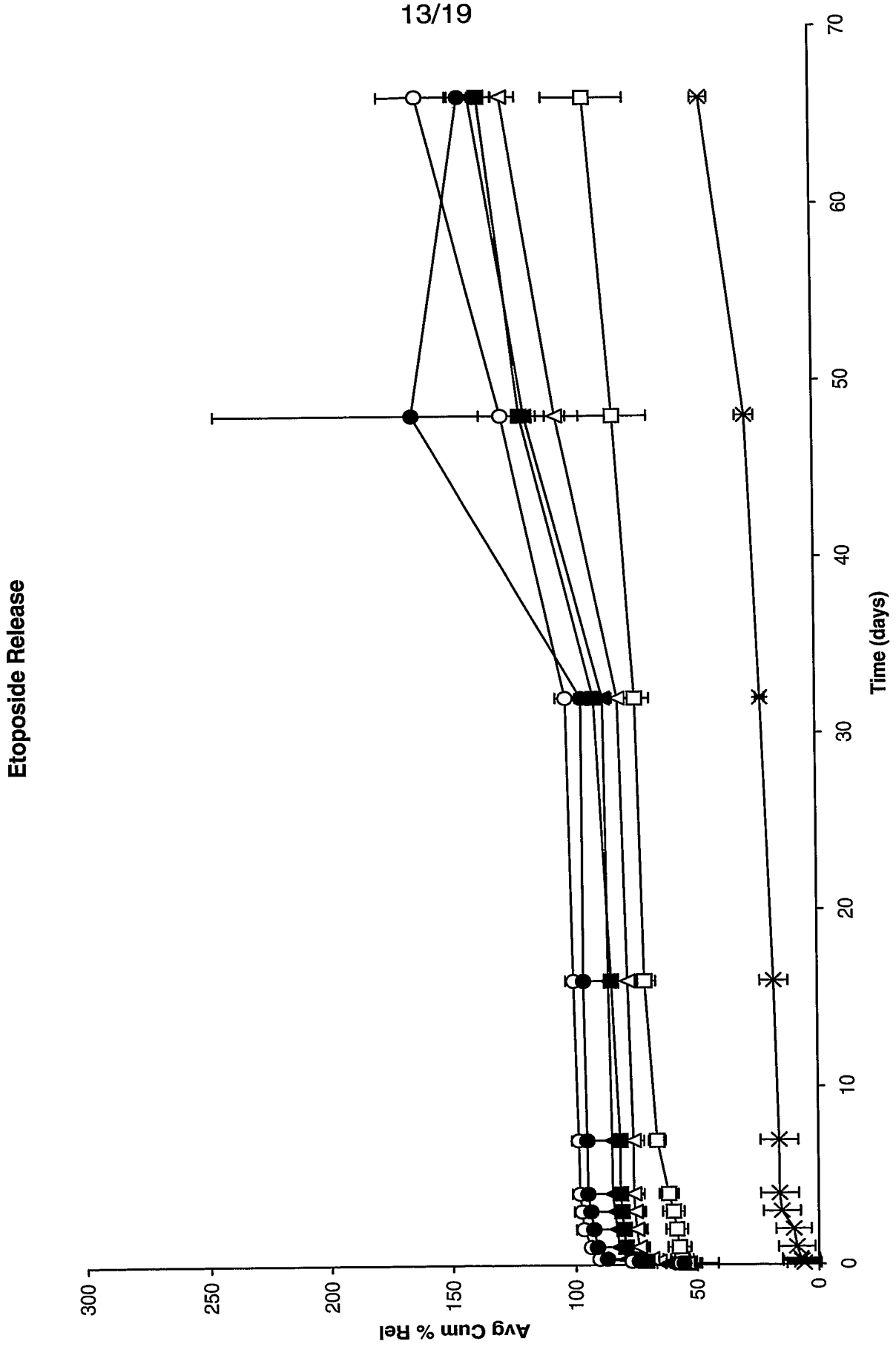
Etoposide Release
Avg Cum % Rel
Time (days)
0
50
100
150
200
250
300
0
10
20
30
40
50
60
70

FIG. 10

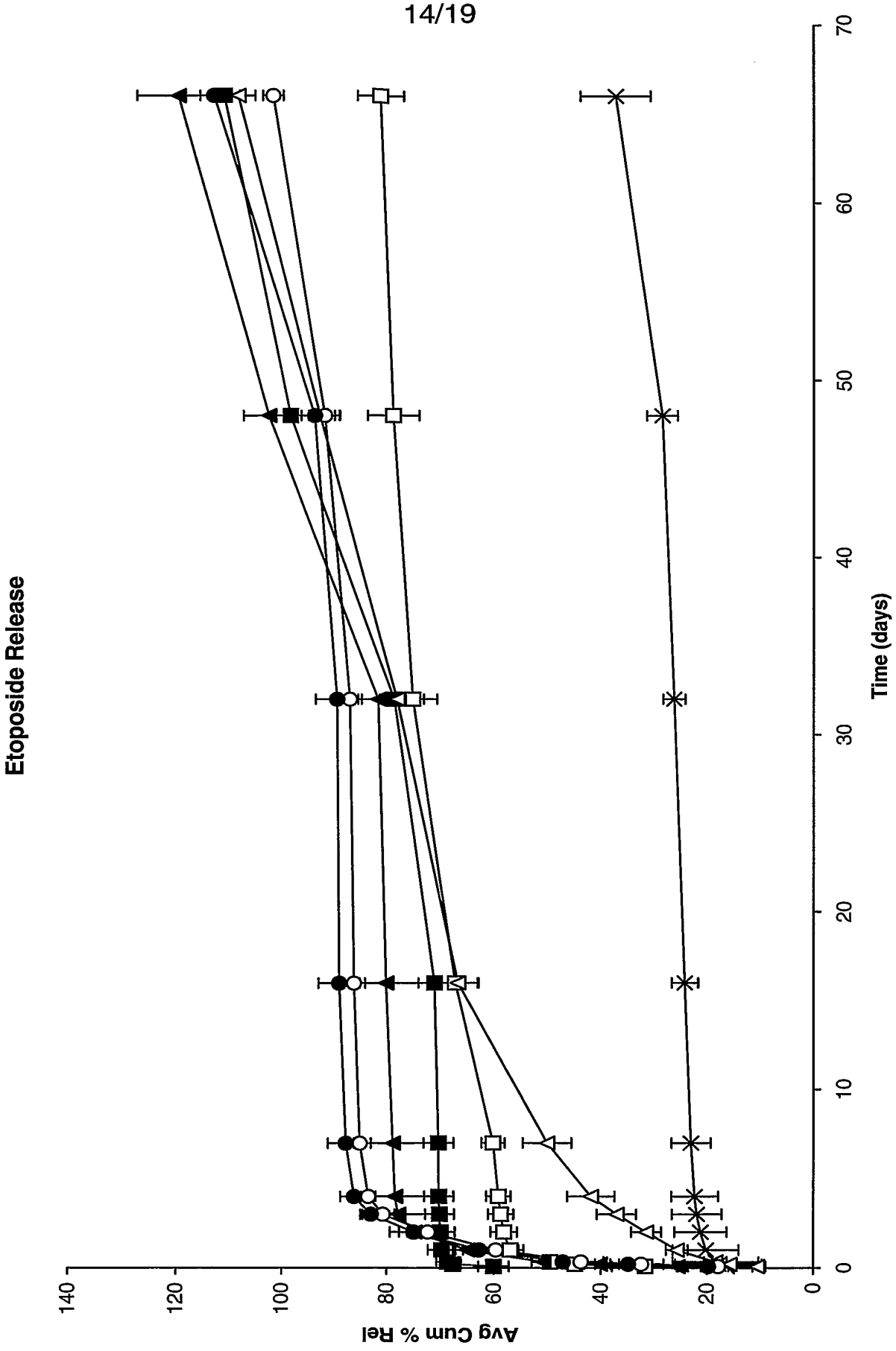
Etoposide Release
Avg Cum % Rel
0
20
40
60
80
100
120
140
Time (days)
0
10
20
30
40
50
60
70

FIG. 11

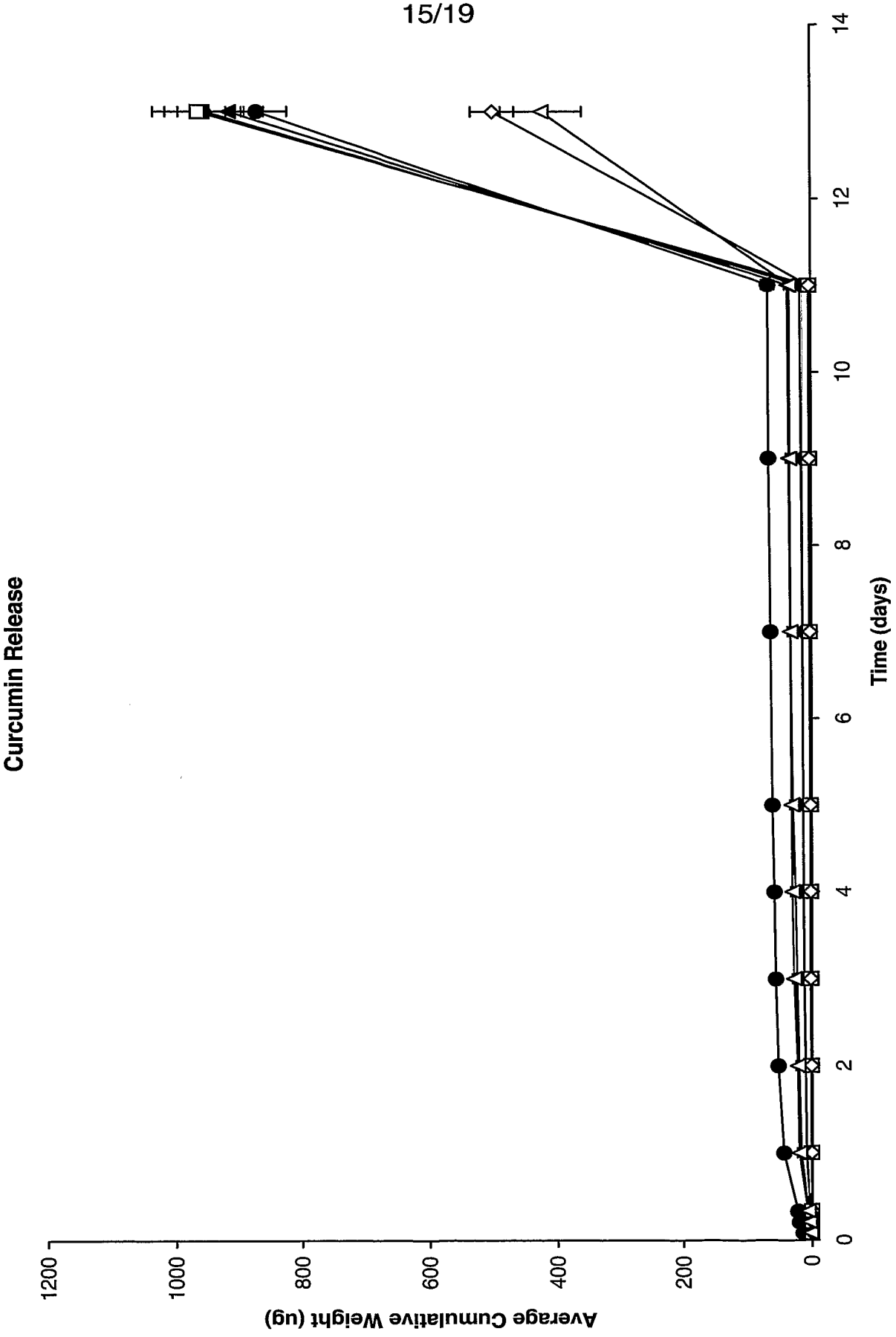
Curcumin Release
Average Cumulative Weight (ug)
0
200
400
600
800
1000
1200
Time (days)
0
2
4
6
8
10
12
14

FIG. 12

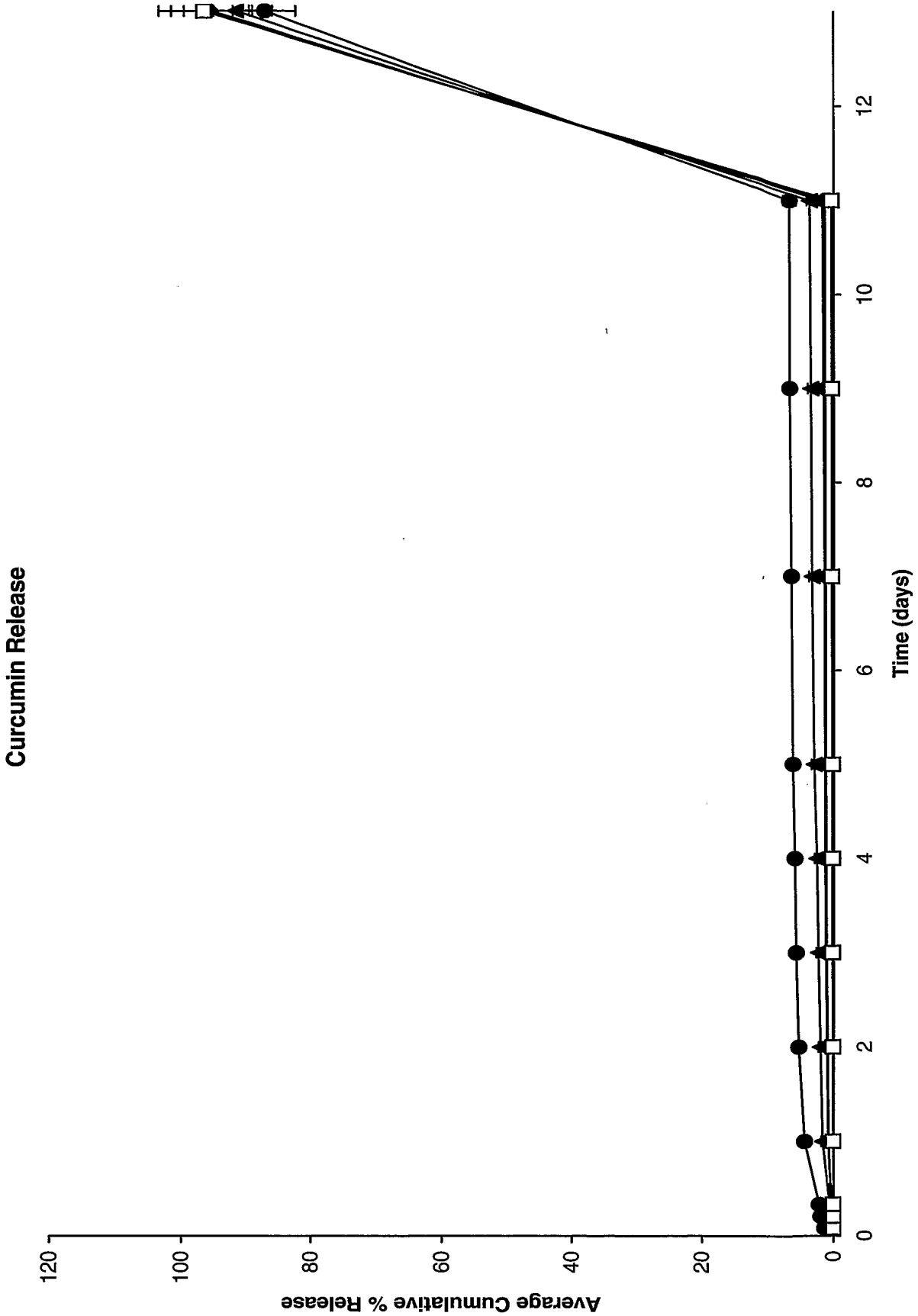
Curcumin Release
Average Cumulative % Release
0
20
40
60
80
100
120
Time (days)
0
2
4
6
8
10
12

FIG. 13

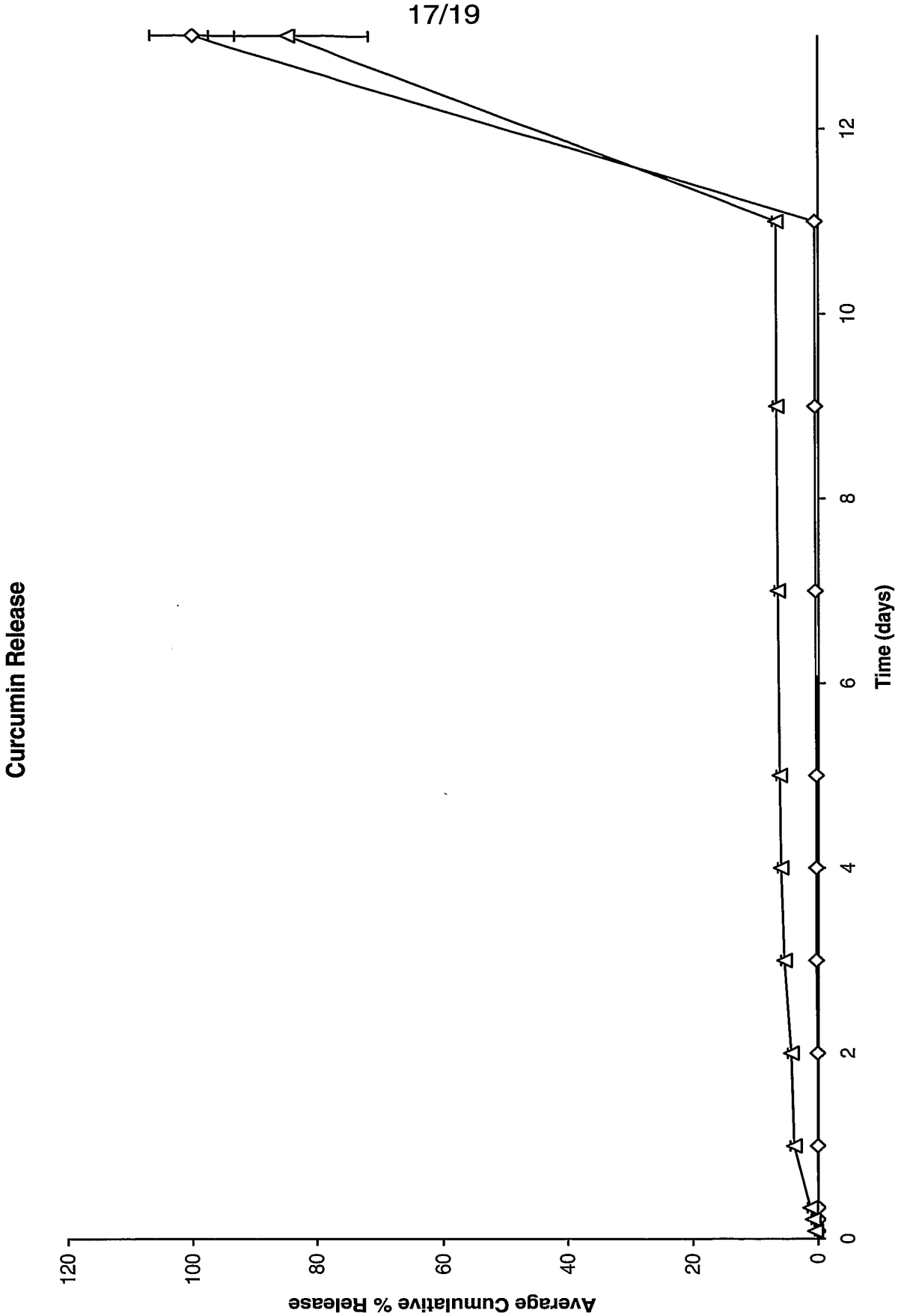
Curcumin Release
Average Cumulative % Release
0
20
40
60
80
100
120
Time (days)
0
2
4
6
8
10
12

FIG. 14

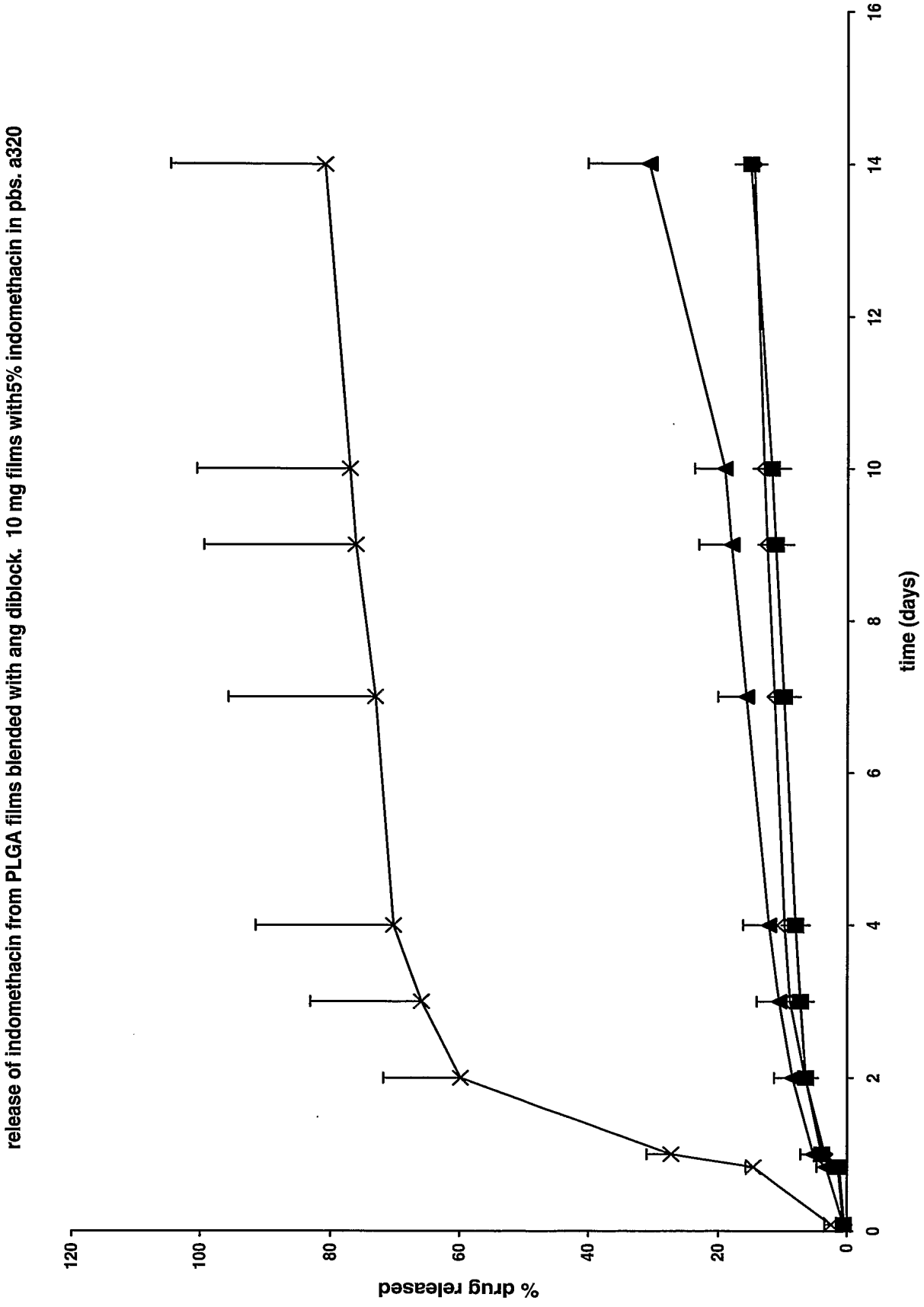
release of indomethacin from PLGA films blended with ang diblock. 10 mg films with5% indomethacin in pbs. a320
% drug released
time (days)
0
20
40
60
80
100
120
0
2
4
6
8
10
12
14
16

FIG. 15

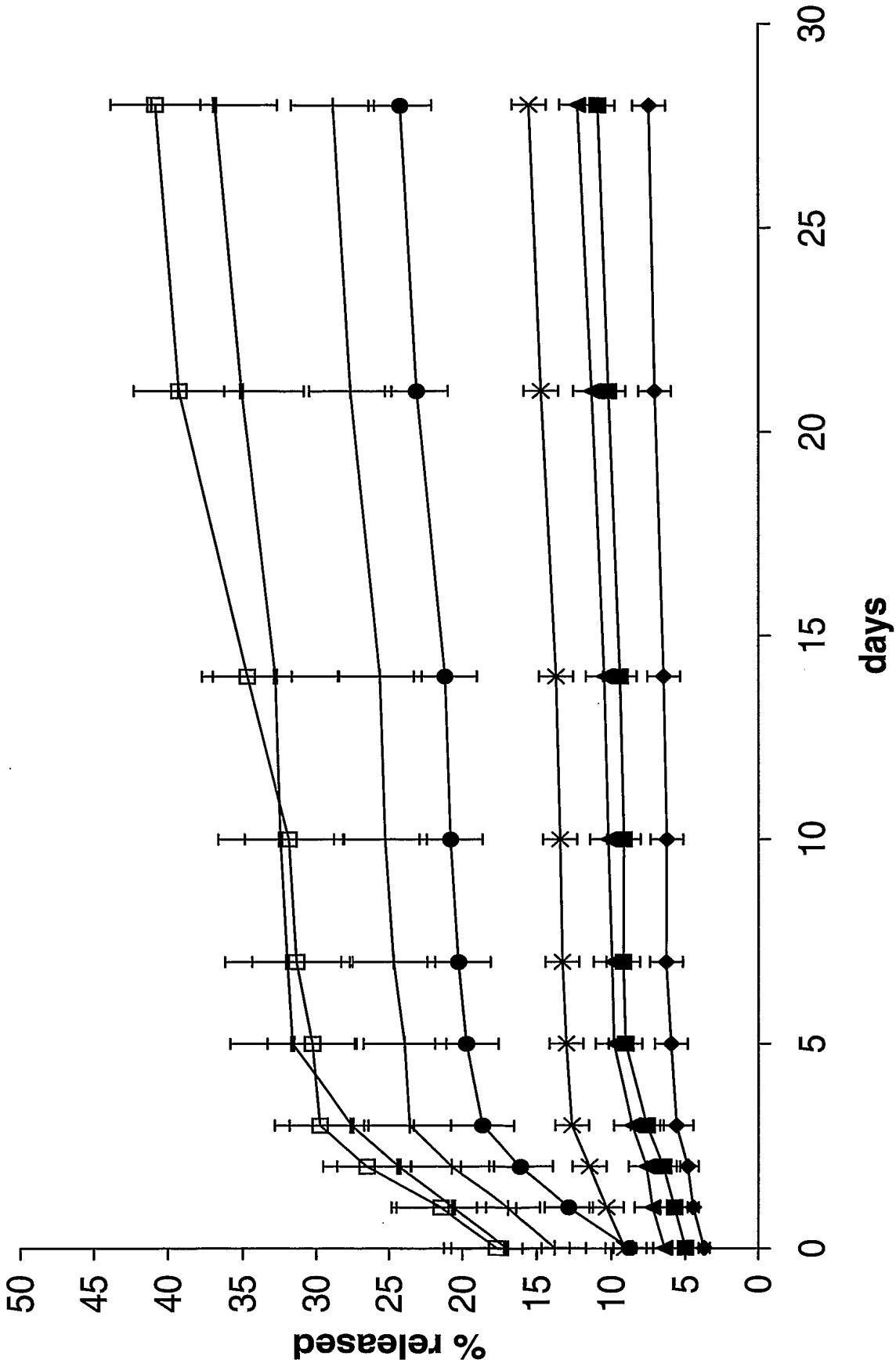

FIG. 16